COTS Web Services Pilot Project Initiative Workgroup Charter

DRAFT

GENERAL INFORMATION

Workgroup Name:	Web Services Pilot Project	*Date Established:*	11/08/01

WORKGROUP MISSION

- **Introduction**

"Web Services" technology is seen as
a potential next-step in the evolution of application development in support of real-time business transactions (e.g., credit card validation) and just-in-time business information (e.g. registration look-up, delinquent payment information). Based upon Internet specifications and protocols such as XML, SOAP, DSML and UDDI, Web Services allow business partners to develop, share and connect applications in a platform-neutral manner.

- **Vision**

Assuming the Web Services pilot yields results consistent with current research reports and documented case studies, the Commonwealth's vision is to develop
a significant portfolio of connected and sharable web-based applications accessible via the Internet and organizational Intranets. Many of these web applications may also make use of (currently available) related technologies that focus on communication/integration with existing legacy systems. With greater sharing, connectivity and integration, the Commonwealth may experience improved application development/deployment schedules

- ## Mission

The mission of the Web Services Pilot Project Workgroup is to benchmark Web Services development and deployment within the context of the Commonwealth environment so as to address the following two questions:

1) Do we see evidence that suggests Web Services specifications and protocols are being widely embraced by private and public enterprises for application development and deployment?

   2) Is the Commonwealth adequately positioned to leverage Web Services as a value-added application development and deployment technology option within its IT portfolio?

Workgroup Goals and Objectives

The Web Services Pilot Project Workgroup will support COTS strategic goals. The alignment of COTS strategic goals and Workgroup objectives is shown below. The Workgroup's Work Plan developed as a result of this charter will, at a minimum, establish measures of success for each objective and provide for regular Workgroup performance reporting to COTS.

COTS Strategic Goals	*Workgroup Objectives*
To assist the Secretary of Technology to monitor trends and advances in fundamental technologies of interest and importance to the economy of the Commonwealth.	To determine the probable impact of Web Services technology on the strategic direction of application development in the private and public sectors.
	To determine the technical feasibility, advantages, disadvantages and best practices when implementing Web Services in the Commonwealth.
	To determine a cost model.
	To make a recommendation regarding adoption of Web Services technology for the Commonwealth.

Workgroup Scope

The scope of the Web Services Pilot Project collaborative research effort is as follows:

1) Entity Eligibility –

Any state agency, state institution of higher learning, or local government in the Commonwealth may initiate a request to participate in the Web Services Pilot Project. A set of criteria for participant selection will be defined and used to form the team.

2) Vendor Services – Vendors participating in the Web Services Pilot Project will be asked to provide

certain services during the length of the pilot, at no cost to the Commonwealth or any participants. These services include but are not limited to:

   a) Web Services developer kits.

   b) Technical/product training.

   c) Help Desk (product) support.

   d) Any proprietary Web Services marketed as standard components by the vendor (for test purposes only).

   e) Licensing extensions to participants for any required software, middleware, O/S or other product needed to support the pilot test environment.

   f) Access to Web Services compatible security tools offered by the vendor.

3) Duration – The Web Services Pilot Project testing and evaluation will be scheduled to be completed in time to be factored into the input of the Fall 2002 budget as needed. Therefore, with an anticipated start date of February 2002, the pilot is expected to be completed (i.e. final report issued to COTS) by the end of September 2002.

4) Systems and Telecommunications – All participants must be willing to make available supporting hardware/software that will enable research and development.

5) Security – Security requirements will be identified and tested. Vendors participating in the Web Services Pilot Project will be asked to demonstrate their Web Services compatible security tools.

Workgroup Authority and Resources

- ## Authorization

This workgroup charter has been initiated by COTS.   Mr. J. Timothy Bass, COTS representative and Chief Technology Officer of the Virginia Retirement System, has been appointed chair of the Web Services Pilot Project Workgroup by the Secretary of Technology.

- ## Workgroup Organization

The following organizational model will be used to facilitate the Web Services Pilot Project:

1. The COTS Web Services Pilot Project ad hoc workgroup is established as a steering committee for the Web Services Pilot Project. This work group is chaired by a COTS member appointed by the Secretary of Technology, and it will be composed of the following:

    a) The workgroup Chair (a COTS member).

    b) One individual from each Commonwealth entity participating in the pilot.

    c) A COTS-Enterprise Architecture Workgroup member.

    d) A DIT representative.

    e) A DTP representative.

    In addition, DTP will provide staff support to the steering committee as necessary.

2. The Web Services Pilot Project Workgroup is responsible for:

    a) Defining the necessary criteria for participation in the pilot for both Commonwealth entities and vendors.

    b) Identifying, evaluating and selecting vendors and Commonwealth entities for participation in the Web Service Pilot Project.

    c) Providing monthly updates and a final report with recommendations to COTS.

3. Each participating entity will provide staff from their organization to conduct the appropriate development, testing and evaluation activities as established in the project plan.

Major Milestones and Deliverables

To be determined by the work group and submitted to COTS for approval at a later date.